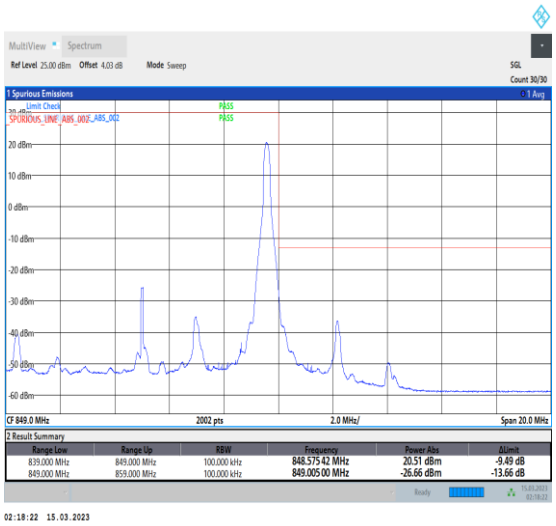

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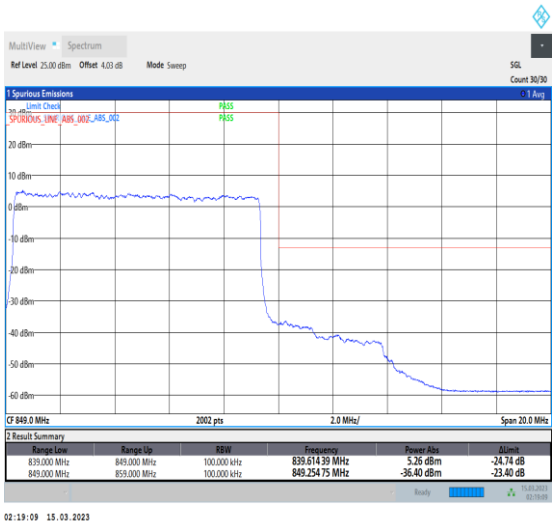

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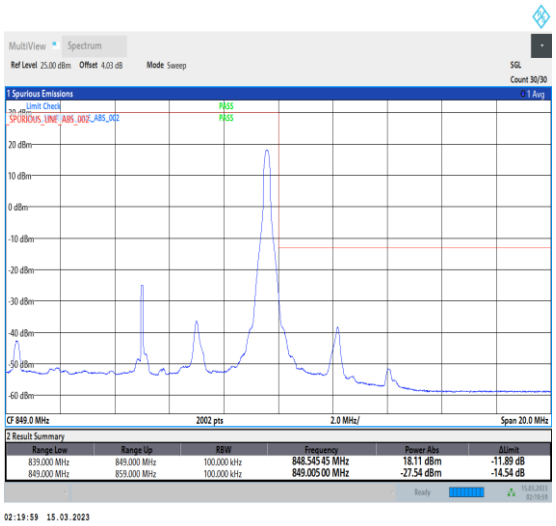

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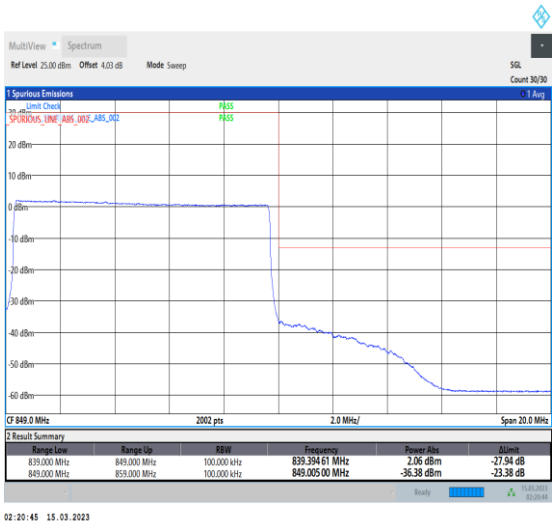

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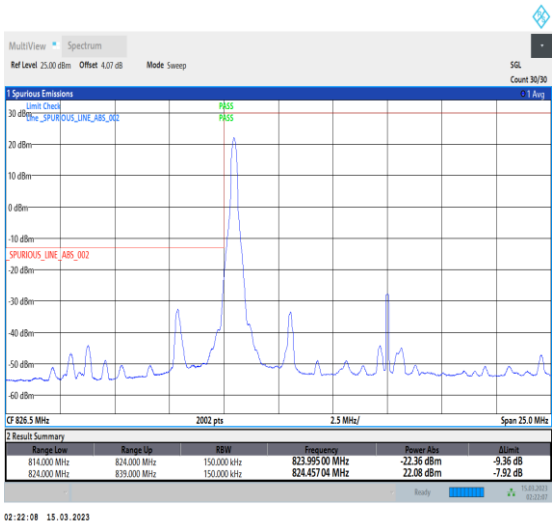

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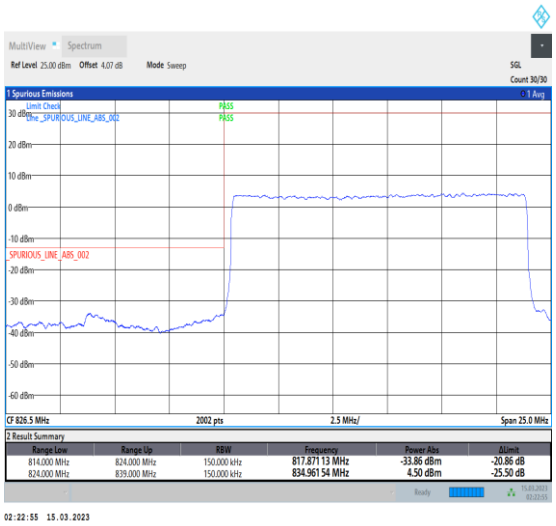

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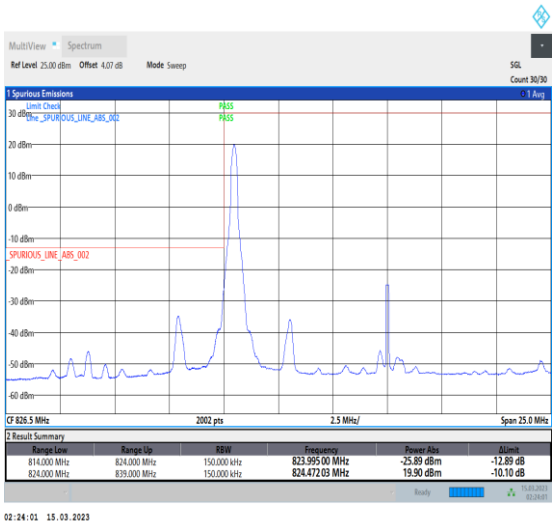

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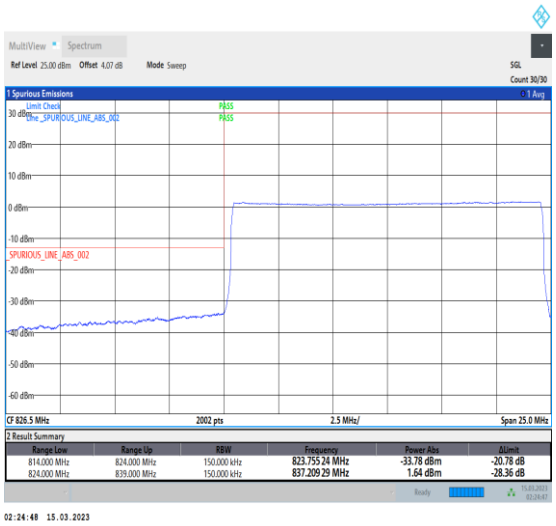

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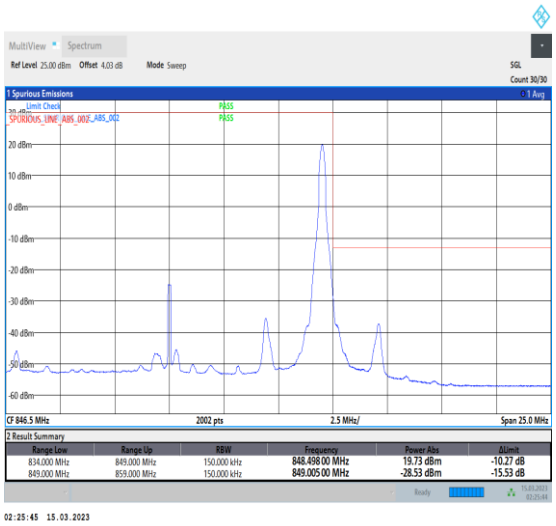

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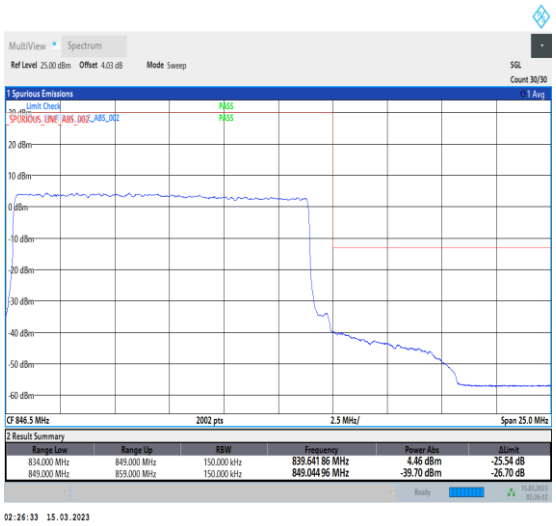

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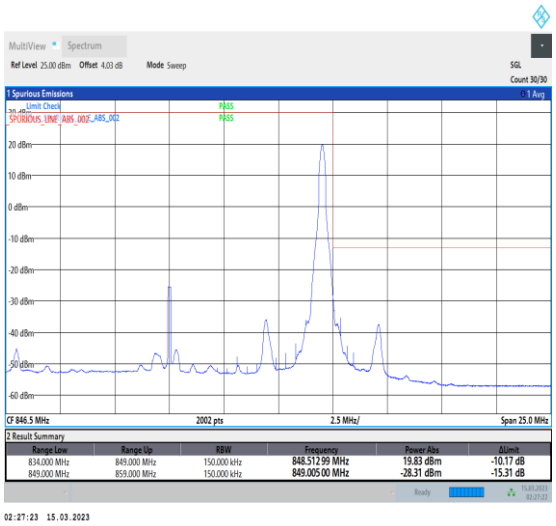

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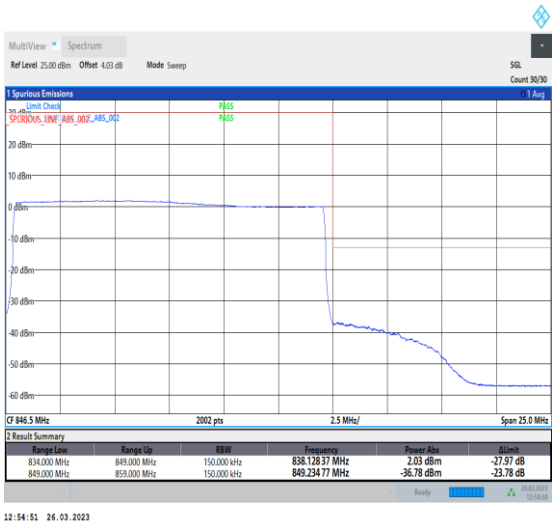

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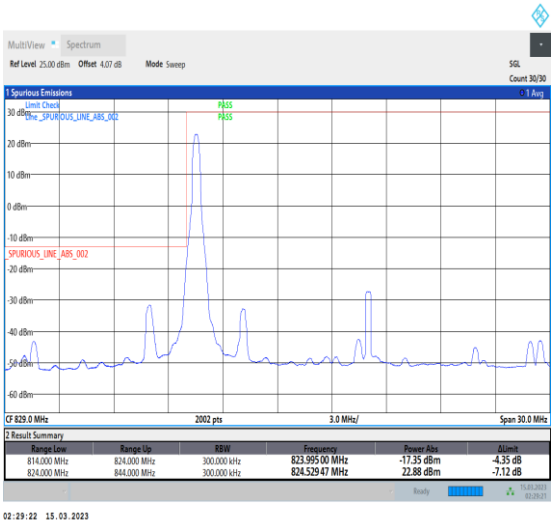

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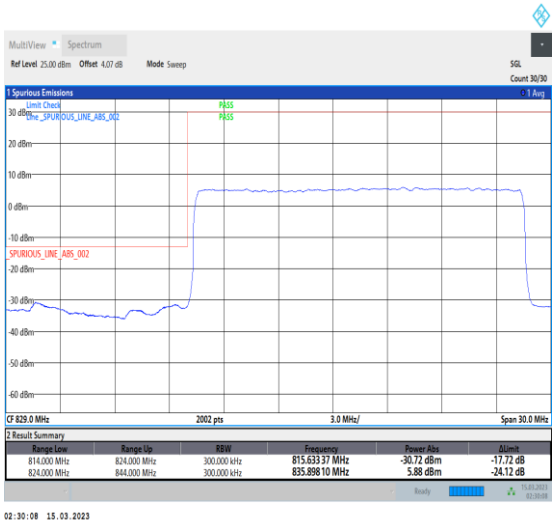

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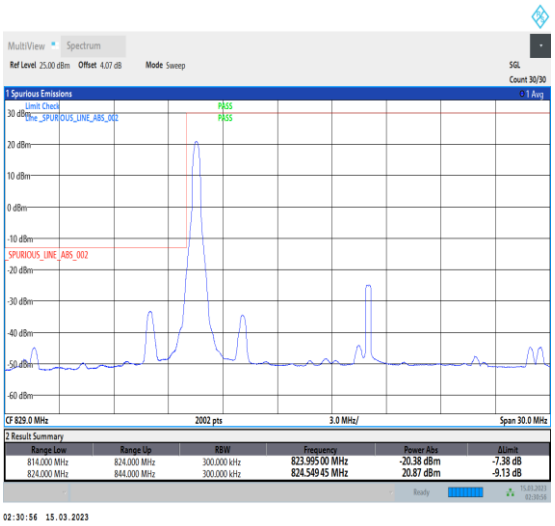

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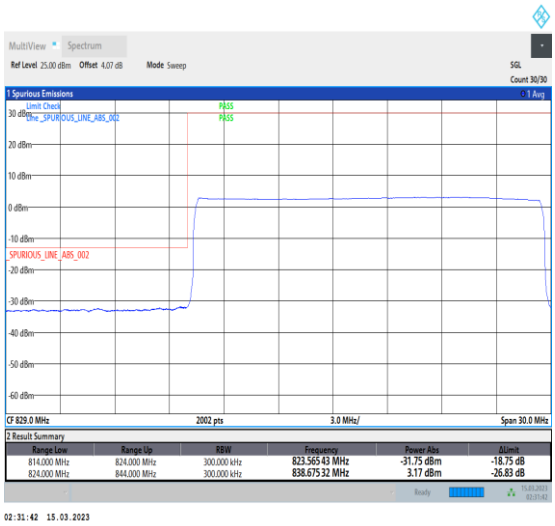

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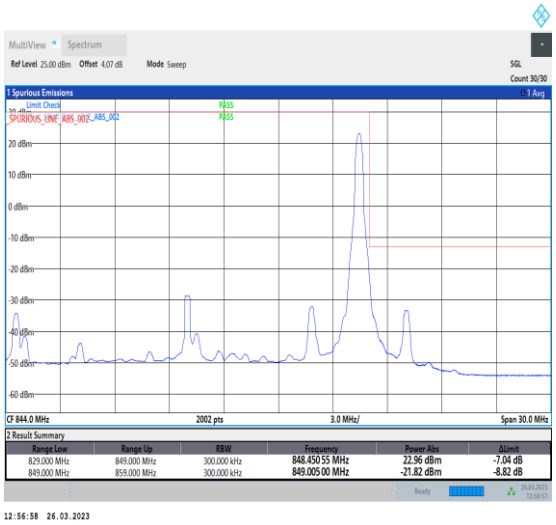

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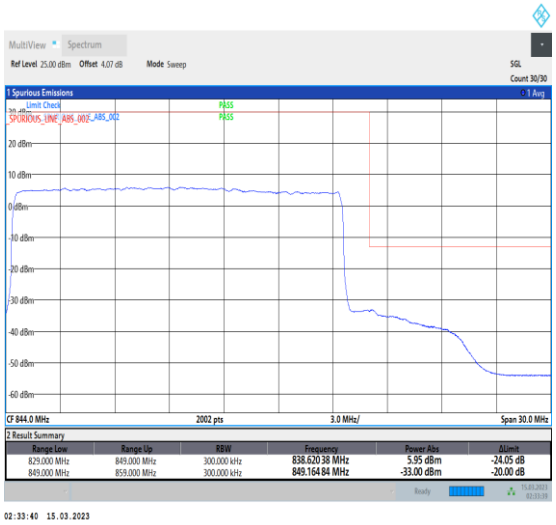

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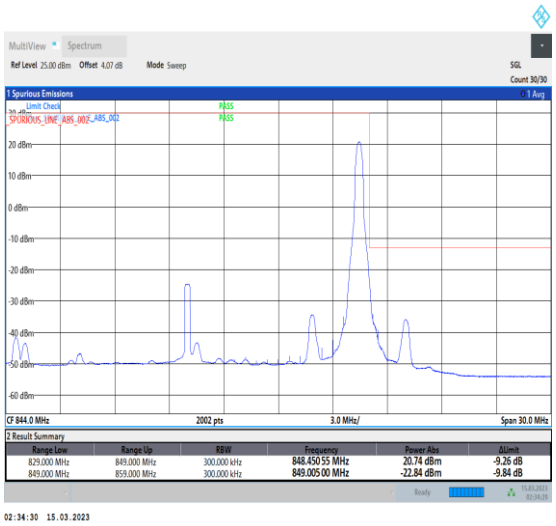

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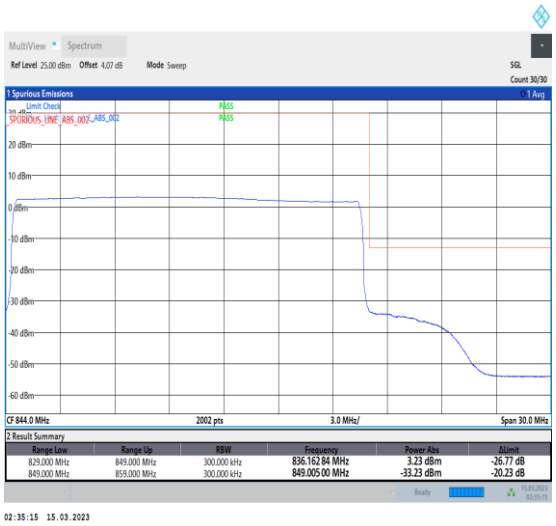

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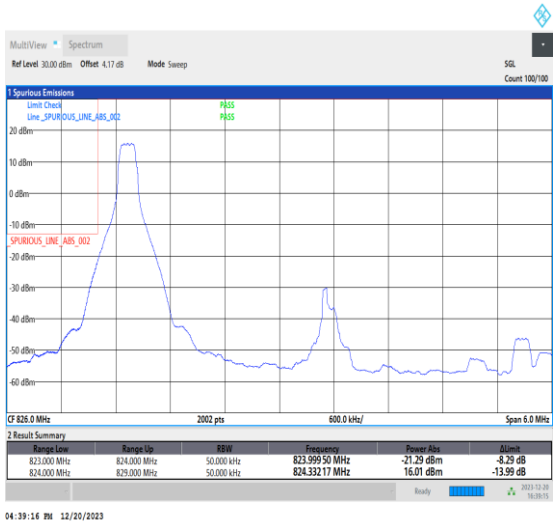
Band Edge for MIMO ANT1

Test Graphs



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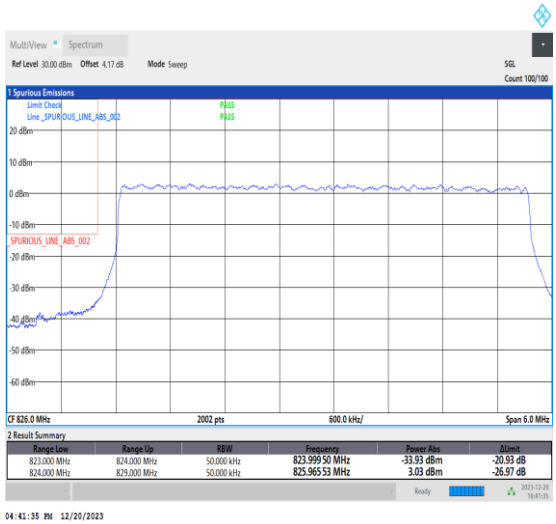

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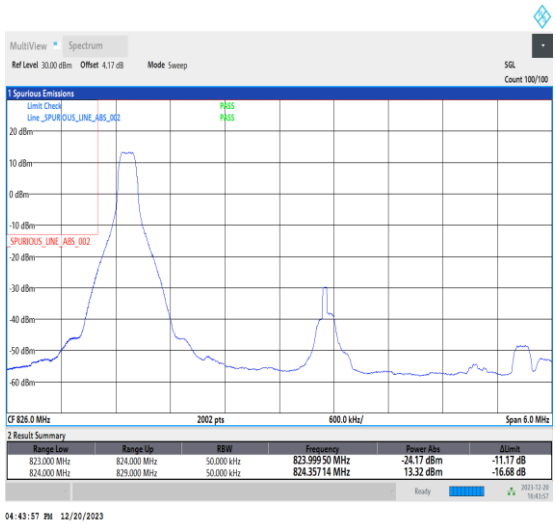

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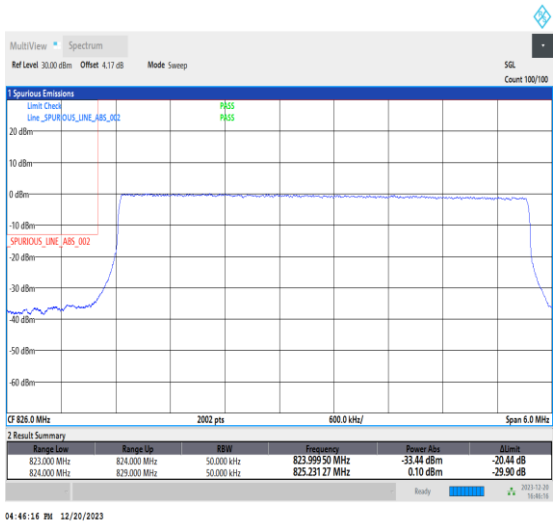

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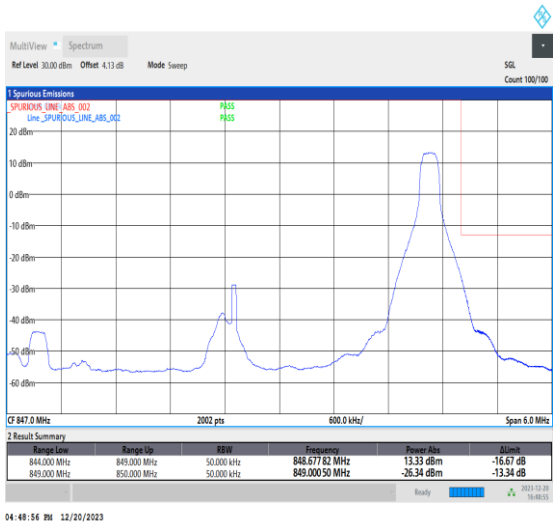

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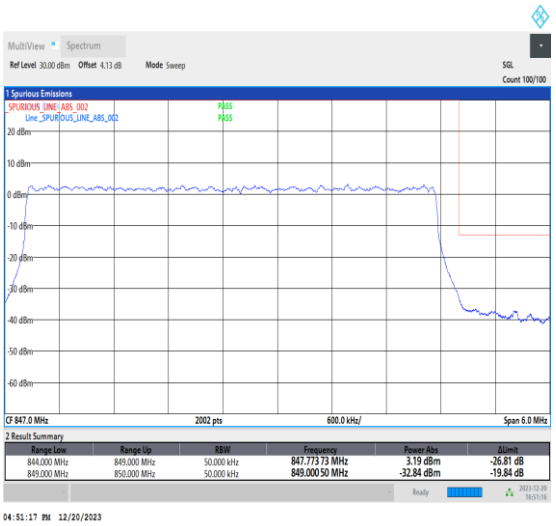

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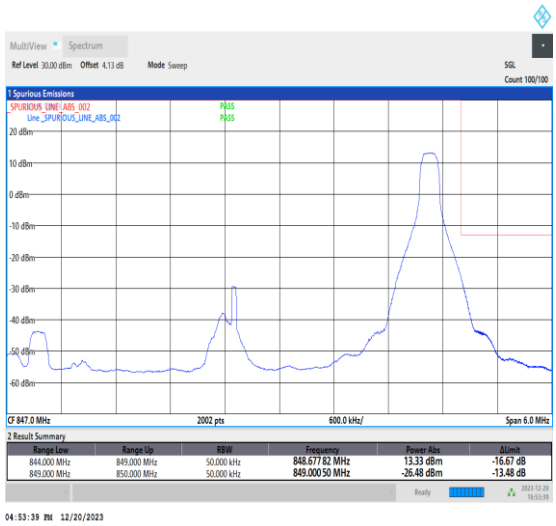

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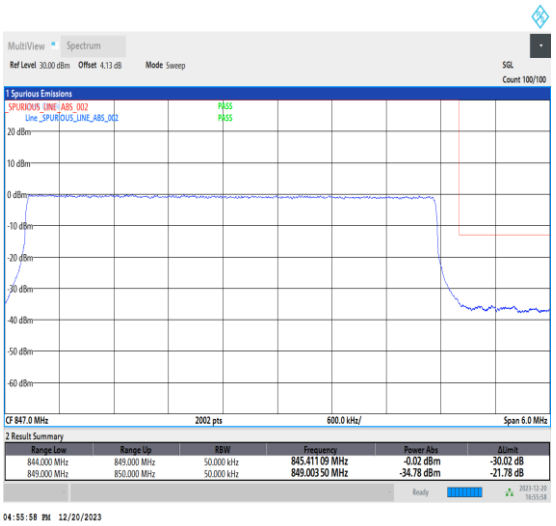

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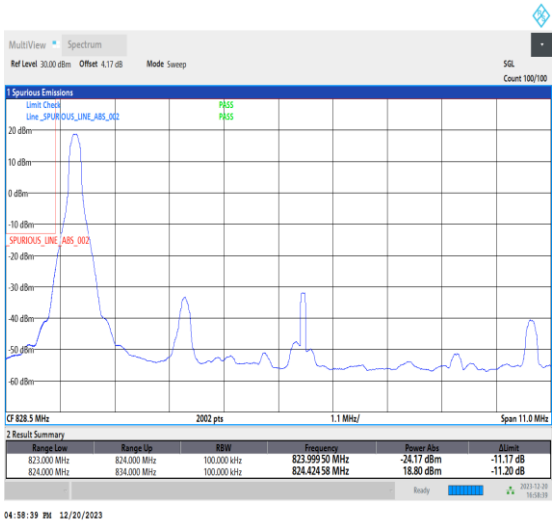

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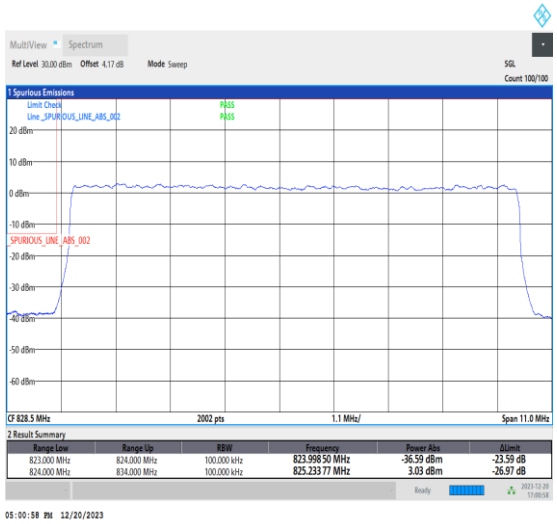

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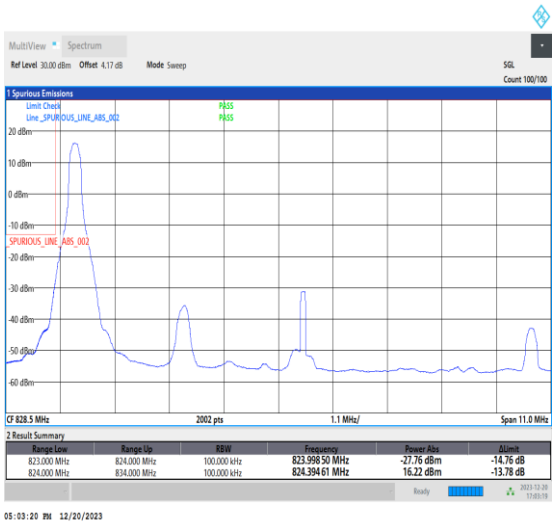

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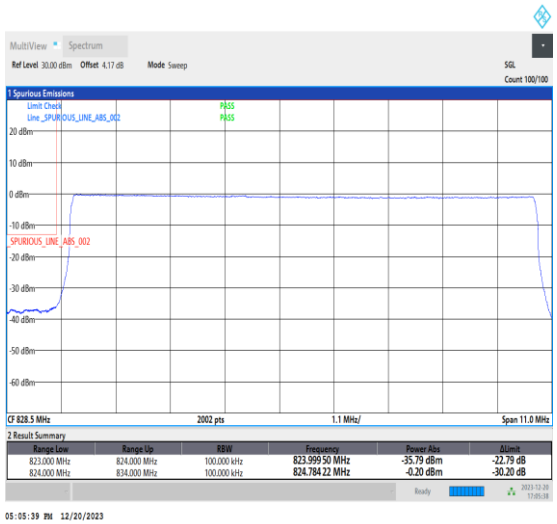

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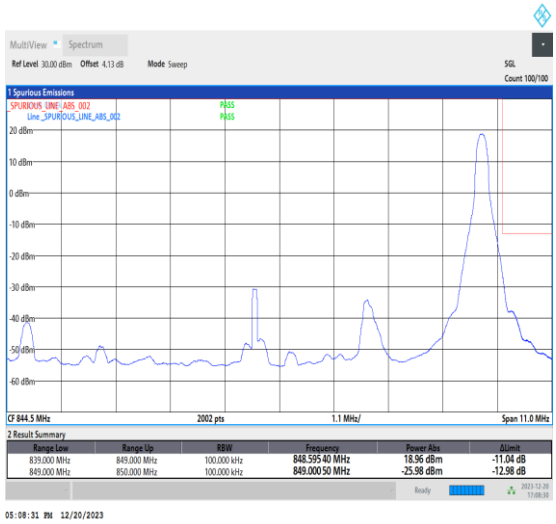

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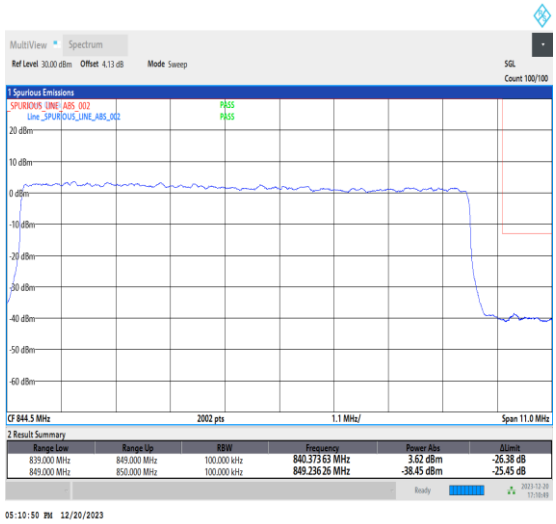

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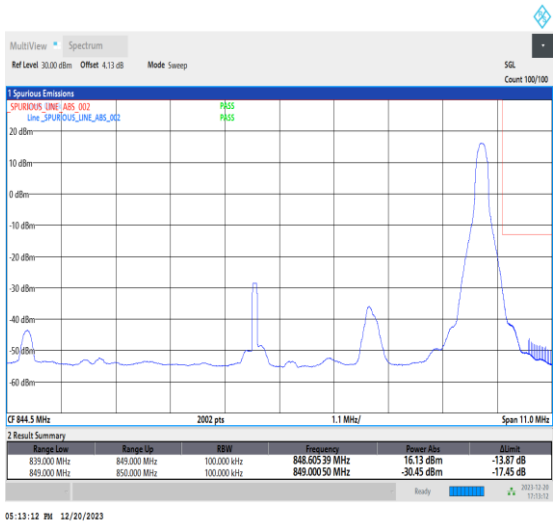

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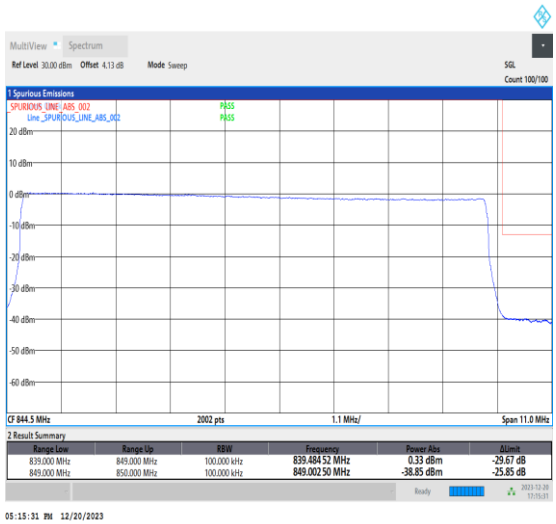

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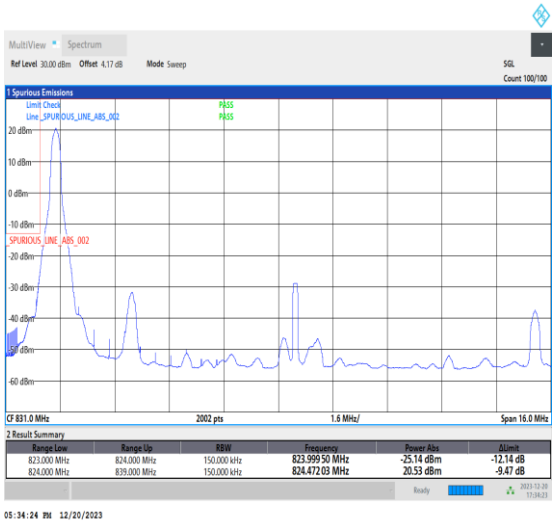

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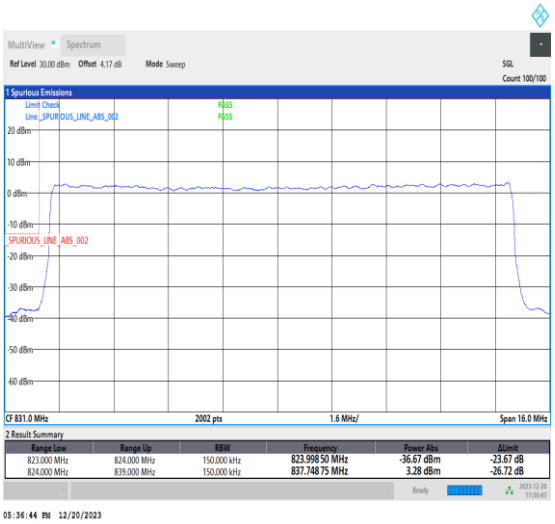

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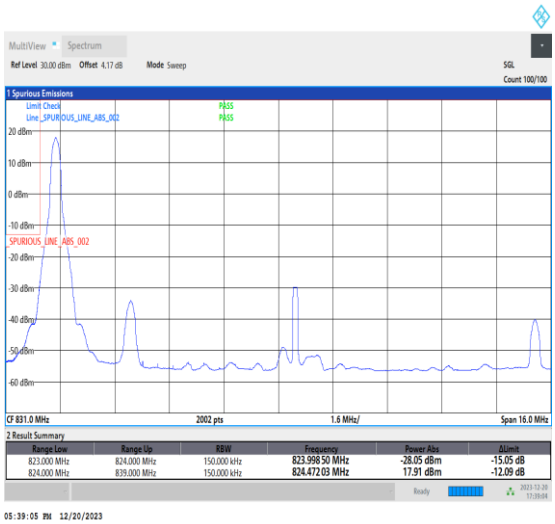

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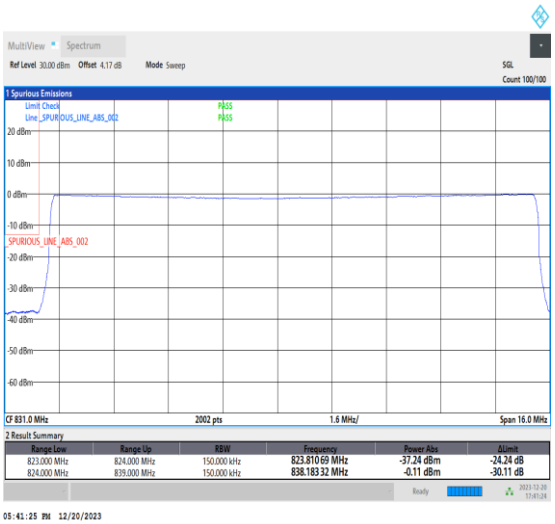

1-N515-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph

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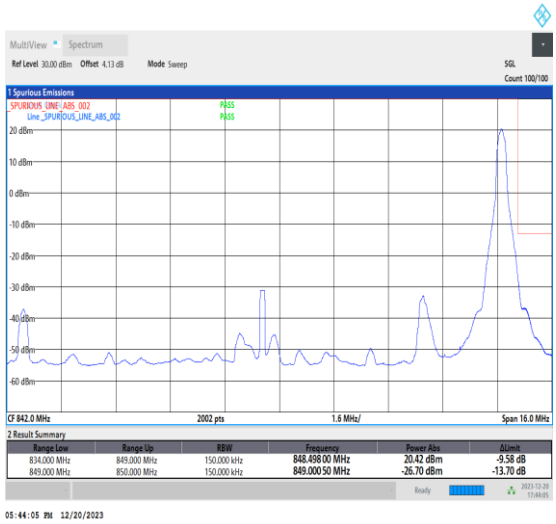

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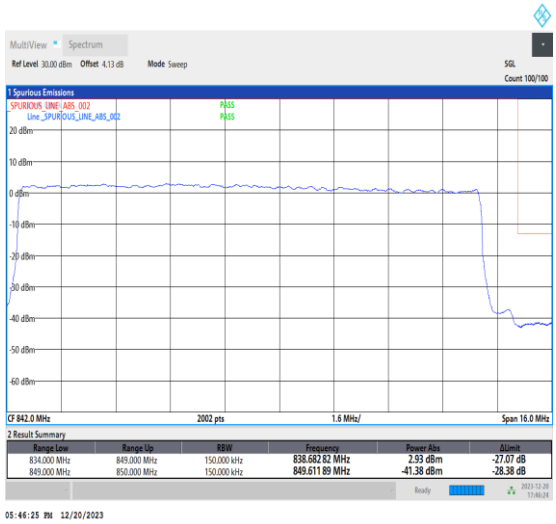

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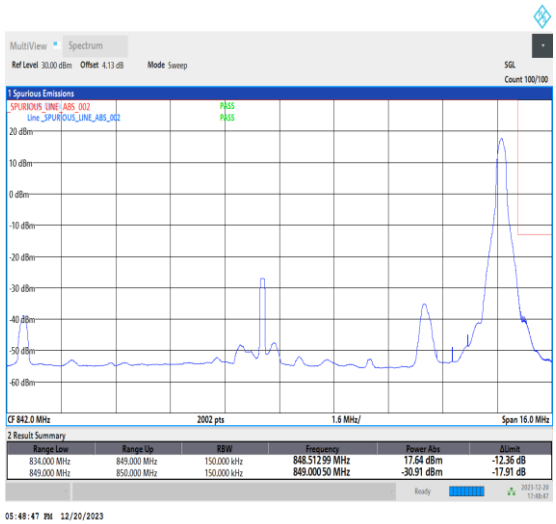

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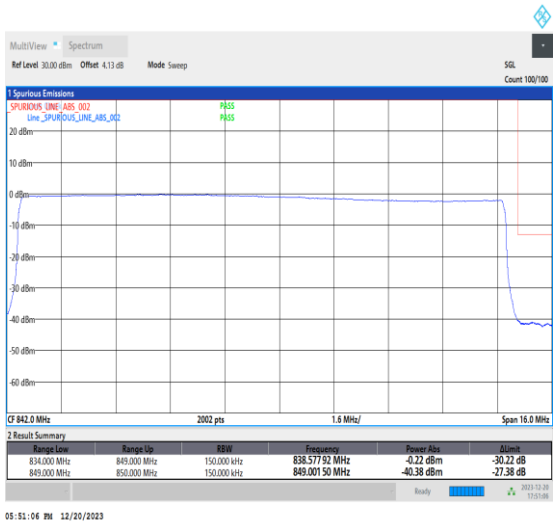

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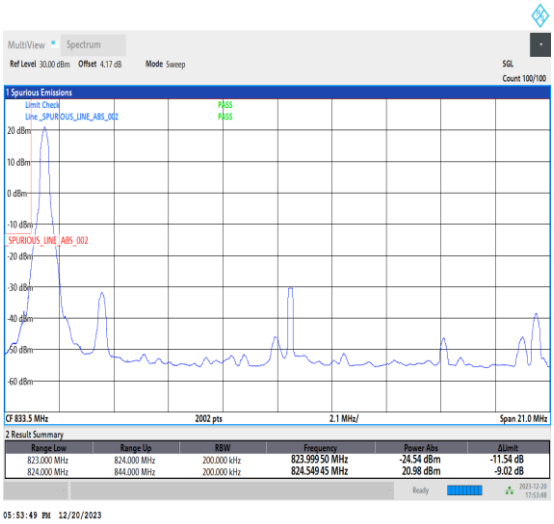

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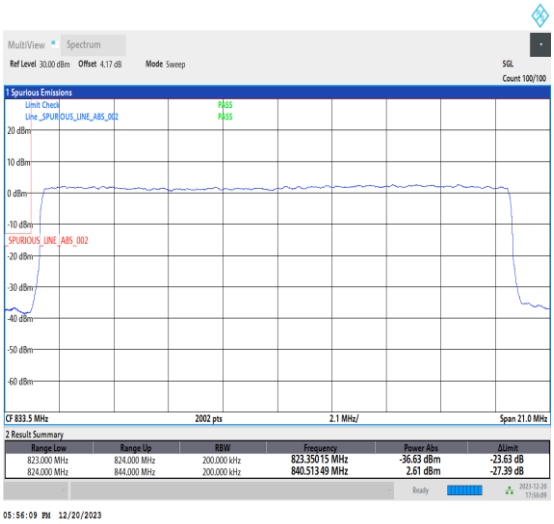

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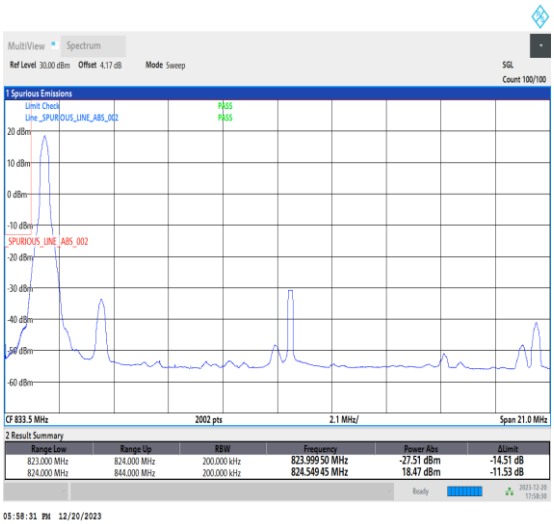

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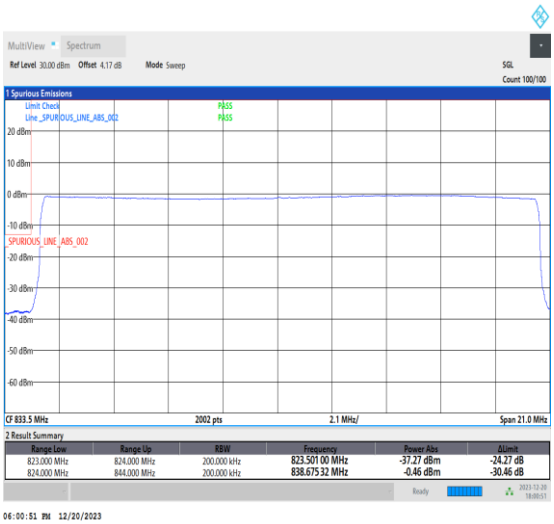

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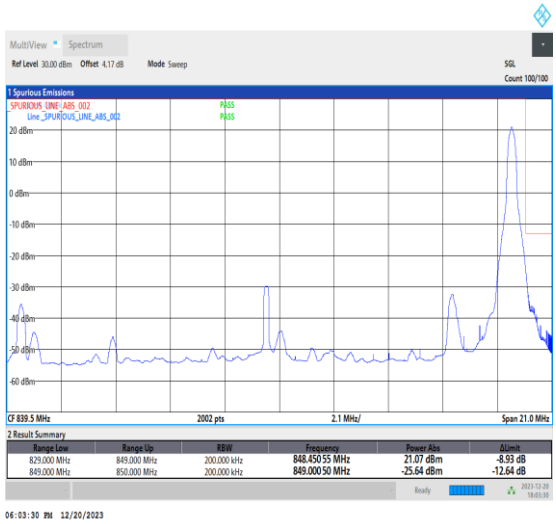

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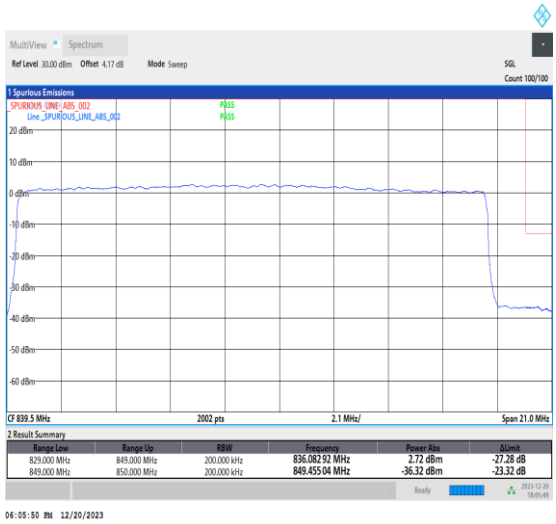

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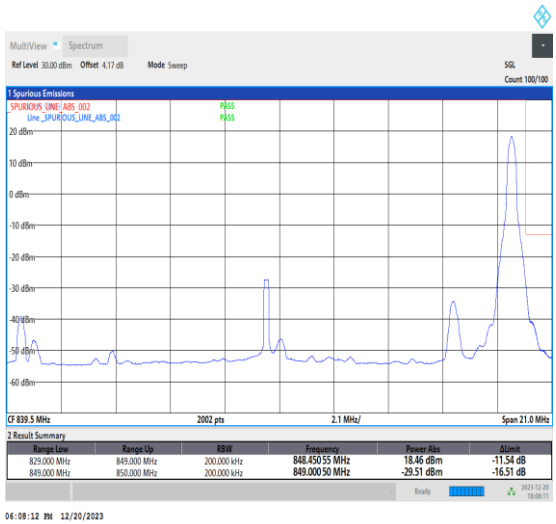

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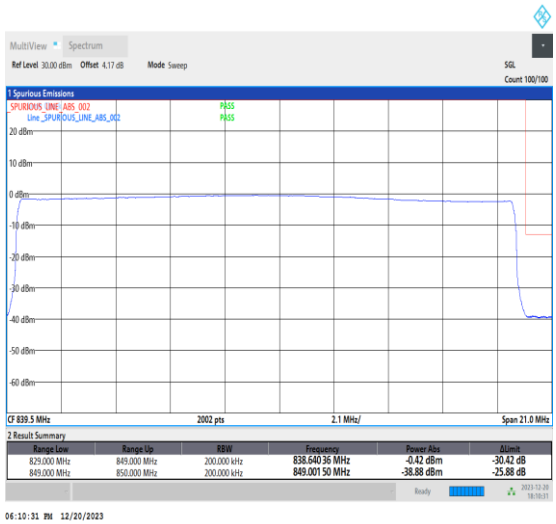

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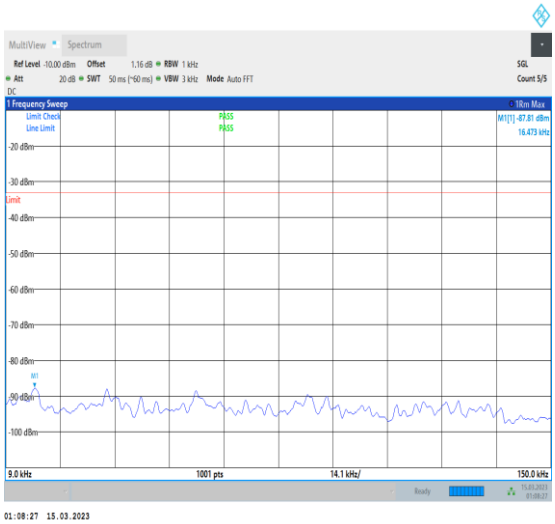

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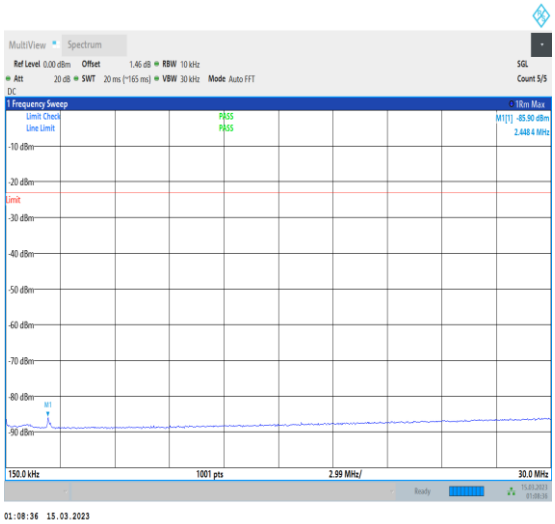

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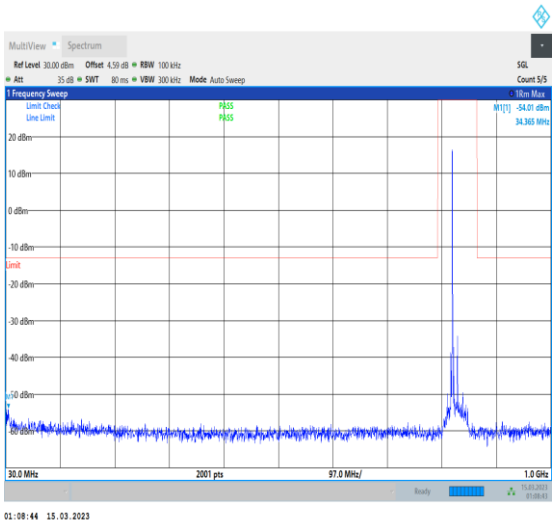

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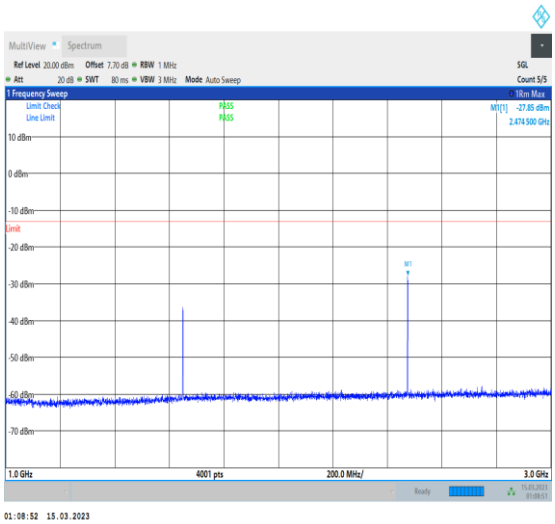

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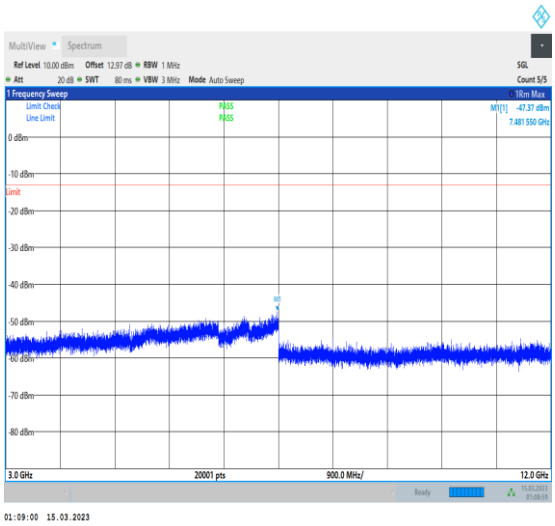

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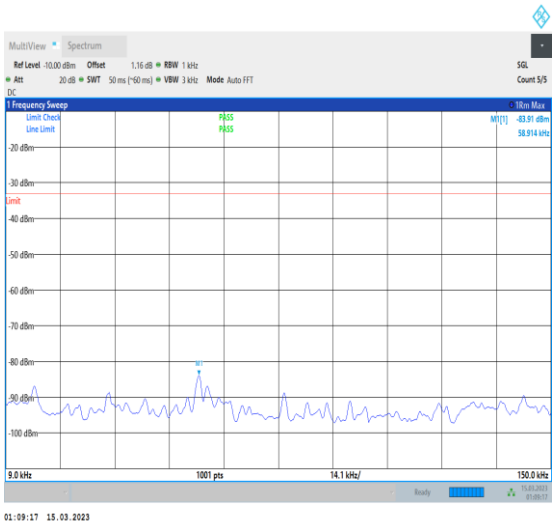

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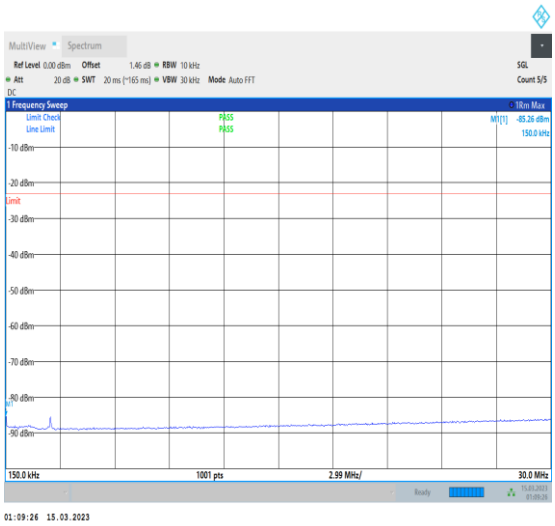

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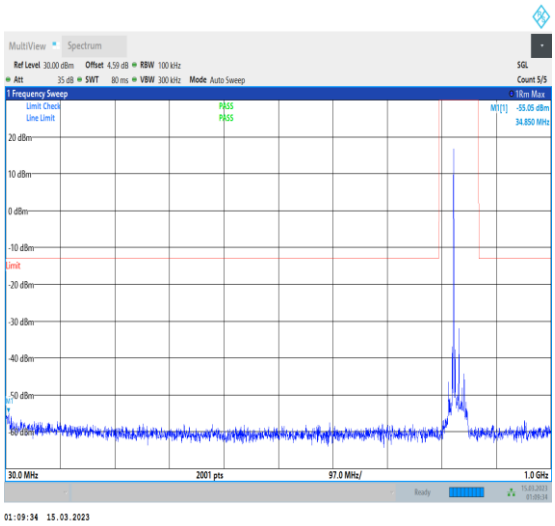

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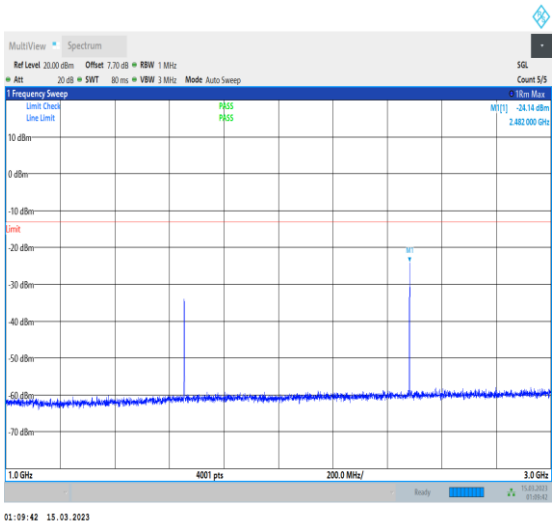

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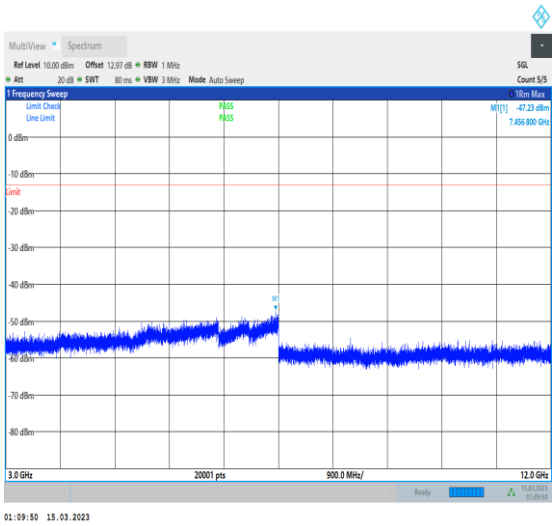

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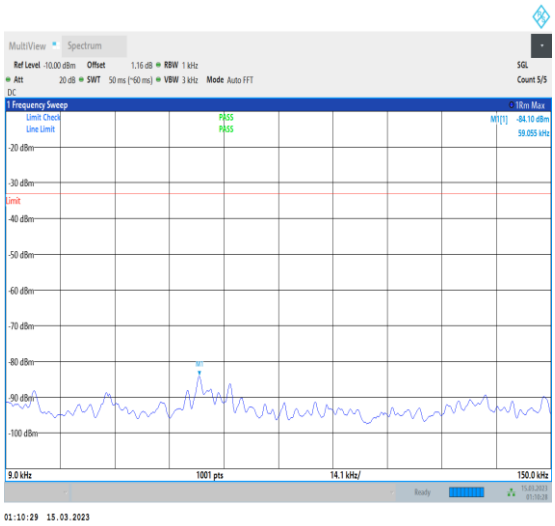

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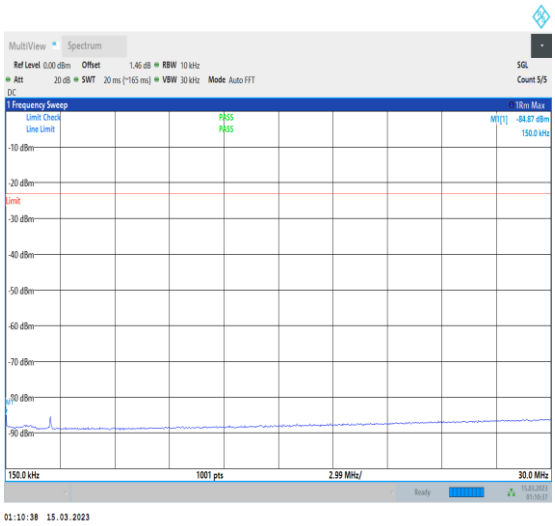

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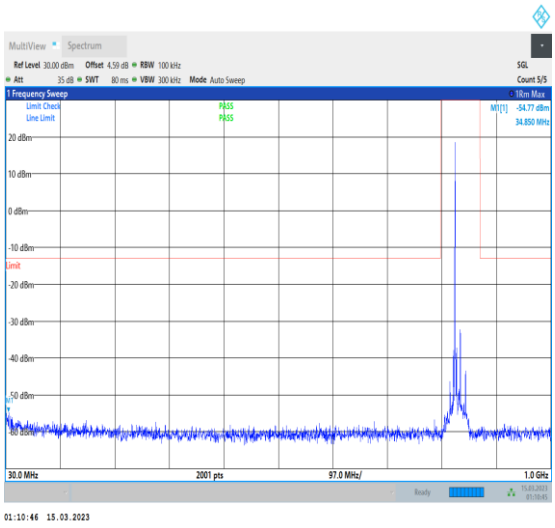	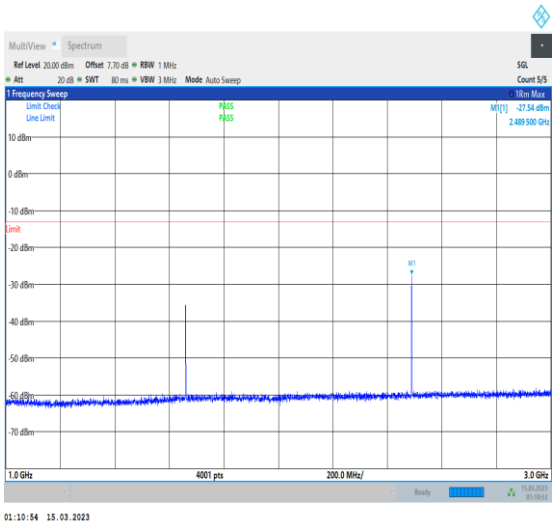
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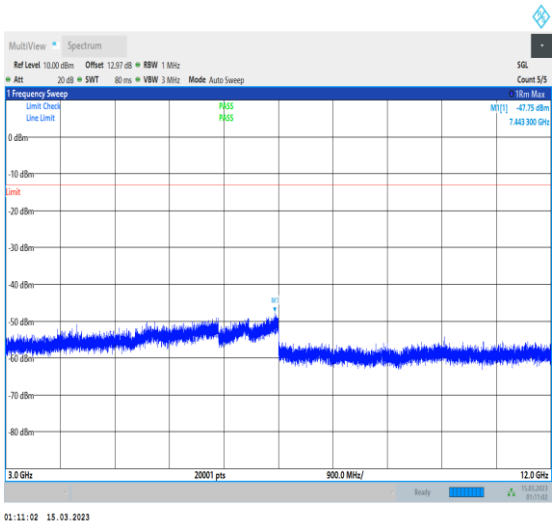	
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Conducted Spurious Emission for MIMO ANT1

Test Graphs

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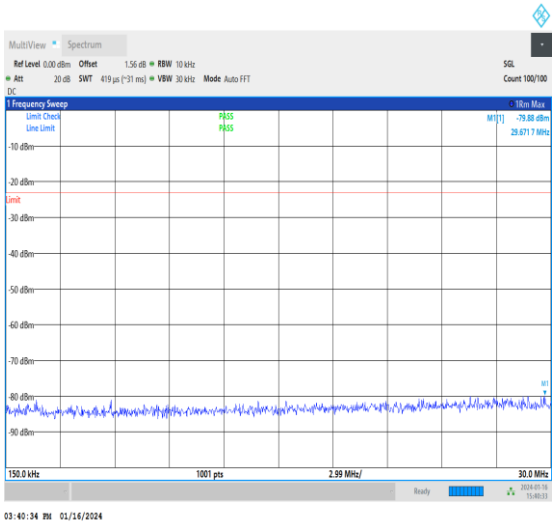

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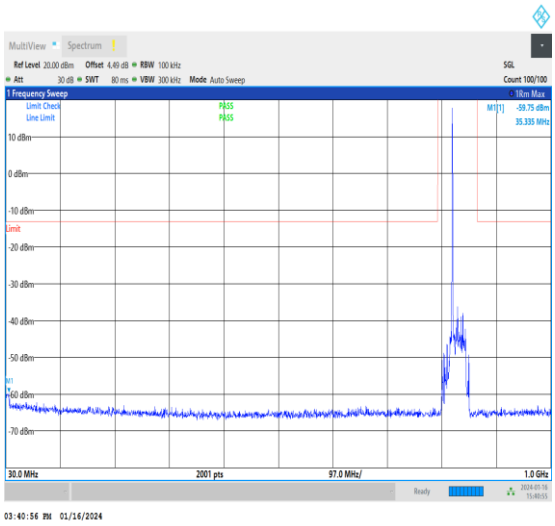

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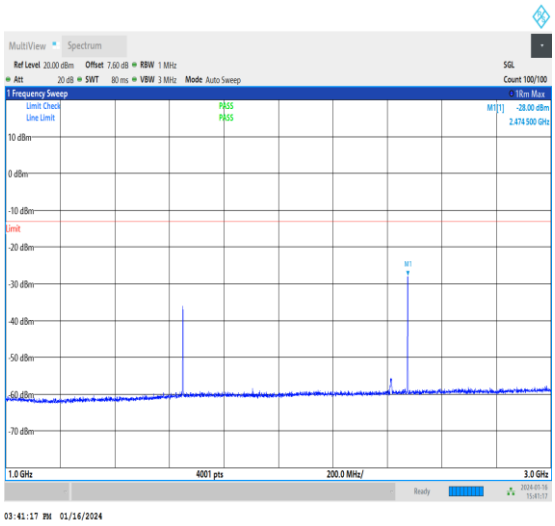

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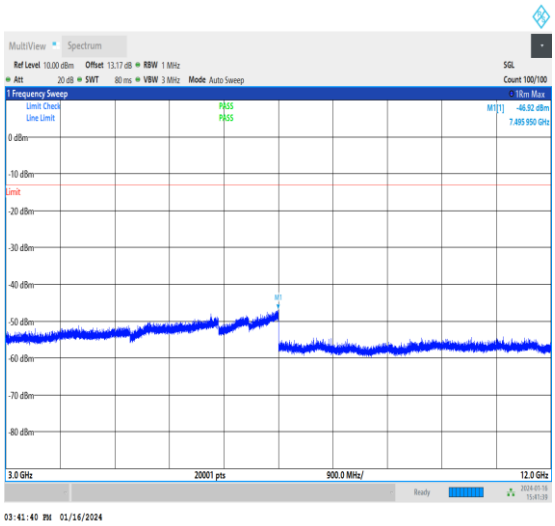

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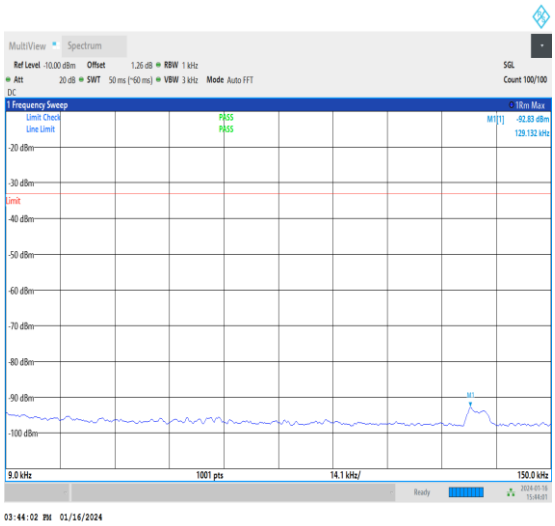

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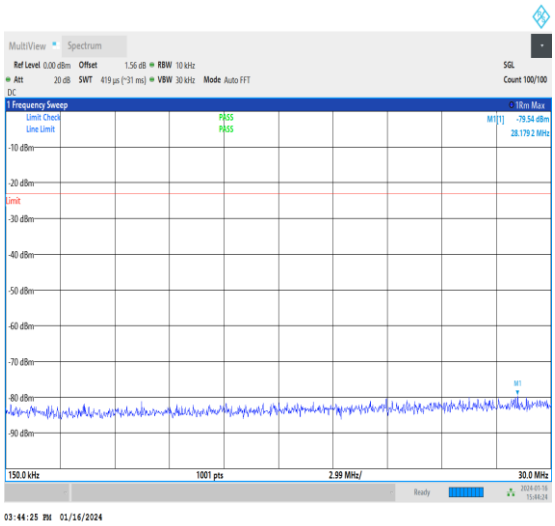

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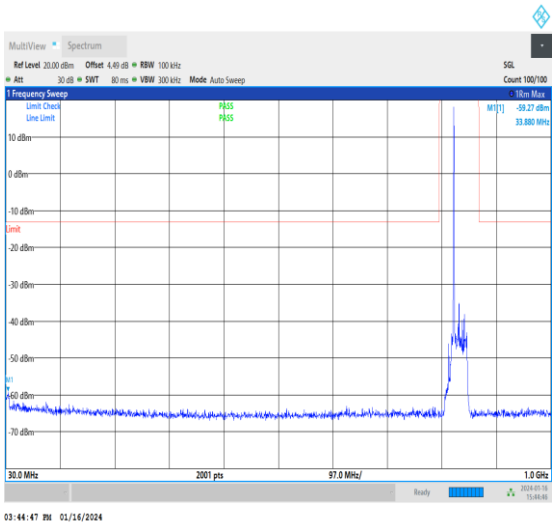

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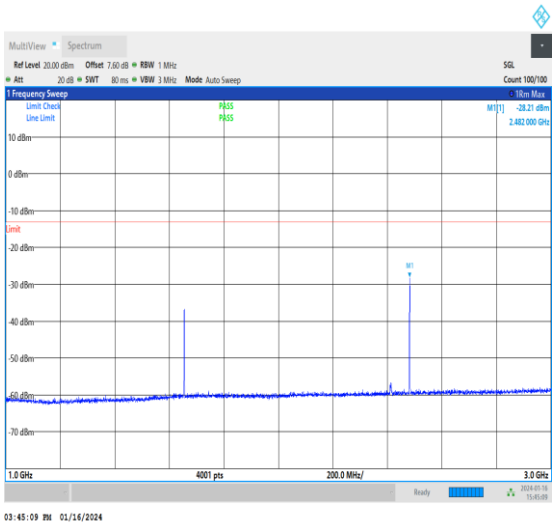

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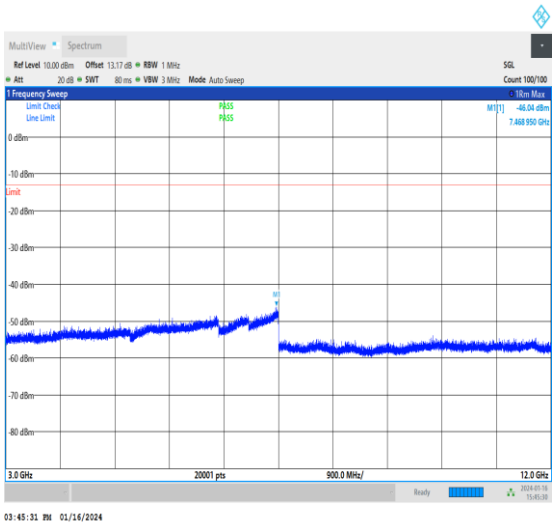

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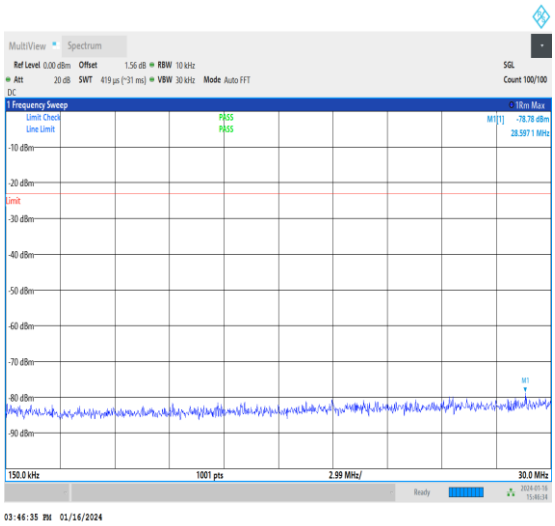

1-N5-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-1.46--78.78--23-PASS

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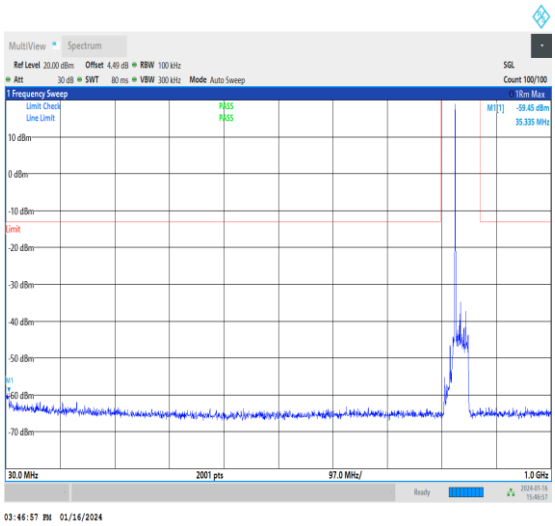

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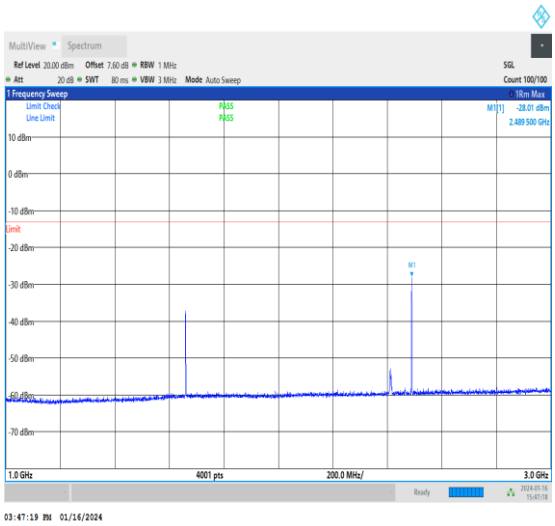

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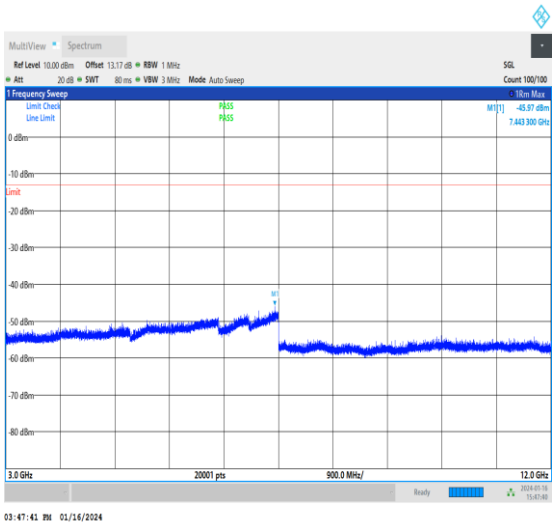

1-N5-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-7489.65--45.97--13-PASS

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Field Strength of Spurious Radiation

Test Band = SA Band5_20MHz _ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	44.00	-48.22	25.37	-74.11	-13.00	61.11	189	351	Horizontal
2	2475.2700	43.38	-47.31	27.69	-71.51	-13.00	58.51	145	355	Horizontal
3	3300.3600	42.90	-46.68	29.55	-69.48	-13.00	56.48	176	360	Horizontal
4	4125.4500	41.61	-45.92	30.99	-68.58	-13.00	55.58	135	342	Horizontal
5	4950.5400	41.79	-45.70	32.74	-66.42	-13.00	53.42	122	331	Horizontal
6	5775.6300	41.27	-44.64	33.66	-64.97	-13.00	51.97	125	252	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.60	-48.22	25.37	-74.51	-13.00	61.51	145	41	Vertical
2	2475.2700	43.37	-47.31	27.69	-71.52	-13.00	58.52	266	146	Vertical
3	3300.3600	42.81	-46.68	29.55	-69.57	-13.00	56.57	140	357	Vertical
4	4125.4500	41.57	-45.92	30.99	-68.62	-13.00	55.62	258	1	Vertical
5	4950.5400	41.78	-45.70	32.74	-66.43	-13.00	53.43	174	1	Vertical
6	5775.6300	40.91	-44.64	33.66	-65.33	-13.00	52.33	195	281	Vertical

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Test Band = SA Band5_20MHz _ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.66	-48.21	25.37	-74.44	-13.00	61.44	214	360	Horizontal
2	2482.7700	43.66	-47.30	27.71	-71.19	-13.00	58.19	174	132	Horizontal
3	3310.3600	42.78	-46.66	29.54	-69.60	-13.00	56.60	153	26	Horizontal
4	4137.9500	41.87	-45.92	31.01	-68.31	-13.00	55.31	236	197	Horizontal
5	4965.5400	41.50	-45.73	32.78	-66.71	-13.00	53.71	259	359	Horizontal
6	5793.1300	40.17	-44.65	33.72	-66.02	-13.00	53.02	291	226	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	44.12	-48.21	25.37	-73.98	-13.00	60.98	217	295	Vertical
2	2482.7700	43.40	-47.30	27.71	-71.45	-13.00	58.45	148	227	Vertical
3	3310.3600	43.17	-46.66	29.54	-69.21	-13.00	56.21	153	203	Vertical
4	4137.9500	41.57	-45.92	31.01	-68.61	-13.00	55.61	265	254	Vertical
5	4965.5400	41.91	-45.73	32.78	-66.30	-13.00	53.30	214	10	Vertical
6	5793.1300	40.02	-44.65	33.72	-66.17	-13.00	53.17	172	175	Vertical

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Test Band = SA Band5_20MHz _ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.62	-48.21	25.37	-74.47	-13.00	61.47	247	349	Horizontal
2	2490.2700	42.69	-47.29	27.74	-72.12	-13.00	59.12	111	341	Horizontal
3	3320.3600	42.92	-46.65	29.53	-69.46	-13.00	56.46	145	209	Horizontal
4	4150.4500	41.71	-45.93	31.03	-68.45	-13.00	55.45	126	90	Horizontal
5	4980.5400	41.81	-45.77	32.83	-66.39	-13.00	53.39	259	63	Horizontal
6	5810.6300	40.14	-44.69	33.77	-66.04	-13.00	53.04	135	37	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.39	-48.21	25.37	-74.70	-13.00	61.70	241	0	Vertical
2	2490.2700	43.08	-47.29	27.74	-71.73	-13.00	58.73	142	231	Vertical
3	3320.3600	42.80	-46.65	29.53	-69.58	-13.00	56.58	136	139	Vertical
4	4150.4500	41.62	-45.93	31.03	-68.54	-13.00	55.54	261	231	Vertical
5	4980.5400	41.07	-45.77	32.83	-67.13	-13.00	54.13	291	217	Vertical
6	5810.6300	40.39	-44.69	33.77	-65.79	-13.00	52.79	175	217	Vertical

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Test Band = SA Band 5 ULMIMO_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1650.18	44.91	-49.82	25.30	-74.87	-13.00	61.87	Horizontal
2	2475.27	44.38	-49.04	27.27	-72.65	-13.00	59.65	Horizontal
3	3300.36	44.25	-48.63	28.62	-71.02	-13.00	58.02	Horizontal
4	4125.45	42.75	-48.29	29.63	-71.17	-13.00	58.17	Horizontal
5	4950.54	42.79	-48.06	31.38	-69.15	-13.00	56.15	Horizontal
6	5775.63	42.63	-47.67	32.76	-67.54	-13.00	54.54	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1650.18	45.31	-49.82	25.30	-74.47	-13.00	61.47	Vertical
2	2475.27	43.94	-49.04	27.27	-73.09	-13.00	60.09	Vertical
3	3300.36	44.22	-48.63	28.62	-71.05	-13.00	58.05	Vertical
4	4125.45	42.22	-48.29	29.63	-71.70	-13.00	58.70	Vertical
5	4950.54	43.51	-48.06	31.38	-68.43	-13.00	55.43	Vertical
6	5775.63	42.52	-47.67	32.76	-67.65	-13.00	54.65	Vertical

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Test Band = SA Band 5 ULMIMO_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.18	44.97	-49.81	25.32	-74.78	-13.00	61.78	Horizontal
2	2482.77	43.57	-49.00	27.28	-73.41	-13.00	60.41	Horizontal
3	3310.36	44.22	-48.64	28.62	-71.05	-13.00	58.05	Horizontal
4	4137.95	42.82	-48.30	29.65	-71.09	-13.00	58.09	Horizontal
5	4965.54	42.78	-48.03	31.42	-69.09	-13.00	56.09	Horizontal
6	5793.13	42.64	-47.71	32.76	-67.57	-13.00	54.57	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.18	44.92	-49.81	25.32	-74.83	-13.00	61.83	Vertical
2	2482.77	44.06	-49.00	27.28	-72.92	-13.00	59.92	Vertical
3	3310.36	44.72	-48.64	28.62	-70.55	-13.00	57.55	Vertical
4	4137.95	42.78	-48.30	29.65	-71.13	-13.00	58.13	Vertical
5	4965.54	42.34	-48.03	31.42	-69.53	-13.00	56.53	Vertical
6	5793.13	42.64	-47.71	32.76	-67.57	-13.00	54.57	Vertical

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Test Band = SA Band 5 ULMIMO_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1660.18	45.29	-49.80	25.34	-74.43	-13.00	61.43	Horizontal
2	2490.27	44.22	-48.95	27.29	-72.71	-13.00	59.71	Horizontal
3	3320.36	43.44	-48.64	28.63	-71.83	-13.00	58.83	Horizontal
4	4150.45	42.99	-48.31	29.67	-70.91	-13.00	57.91	Horizontal
5	4980.54	42.88	-48.00	31.45	-68.93	-13.00	55.93	Horizontal
6	5810.63	42.54	-47.65	32.76	-67.60	-13.00	54.60	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1660.18	45.60	-49.80	25.34	-74.12	-13.00	61.12	Vertical
2	2490.27	43.79	-48.95	27.29	-73.14	-13.00	60.14	Vertical
3	3320.36	44.73	-48.64	28.63	-70.54	-13.00	57.54	Vertical
4	4150.45	43.36	-48.31	29.67	-70.54	-13.00	57.54	Vertical
5	4980.54	42.83	-48.00	31.45	-68.98	-13.00	55.98	Vertical
6	5810.63	42.35	-47.65	32.76	-67.79	-13.00	54.79	Vertical

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